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OUT 66204

18 OCT 68 03 27Z

P 180230Z
FM NPIC
[redacted] 25X1
ZEM
T O P S E C R E T TTTTT [redacted] 25X1
CITE NPIC 4847
MISSION 1048 19 SEPT - 2 OCT 68 OAK SUPPL 17 OCT 68 06

PREFACE

THIS IS THE SIXTH OF SEVERAL OAK SUPPLEMENT REPORTS ON MISSION 1048. FOR COMPLETE PREFACE SEE FIRST OAK SUPPLEMENT REPORT.

((TEXT AS FOLLOWS IDENTICAL TO ABOVE MISSION))

T O P S E C R E T [redacted]

END OF MESSAGE

[redacted]

DISTRIBUTION

CY	OFFICE	PI
1	D/E	
2	CABLE SEC.	25X1
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	[illegible]	
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3	[illegible]	
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4	[illegible]	
5	[illegible]	
6	[illegible]	
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* ALL CHANGE BY SANITIZED WITH TEXT

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SECTION # 01

MISSION 1048 19 SEPT - 2 OCT 68 OAK SUPPL 17 OCT 68 06

PREFACE

THIS IS THE SIXTH OF SEVERAL OAK SUPPLEMENT REPORTS ON MISSION 1048. FOR COMPLETE PREFACE SEE FIRST OAK SUPPLEMENT REPORT.

MISSILES

LAN-CHOU SAM SEARCH AREA CH 3668//N 10330//E OUT66801

25X1

[redacted] THE NORTHERN 75 PERCENT OF THE SEARCH AREA IS COVERED BY 35 PERCENT CLOUD-FREE PHOTOGRAPHY. 25X1

ALL KNOWN SAM SITES ARE OBSCURED BY CLOUDS.

NO MISSILE-RELATED ACTIVITY IS OBSERVED.

ON PASS 117, THE EASTERN 60 PERCENT OF THE SEARCH AREA IS COVERED BY 40 PERCENT CLOUD-FREE PHOTOGRAPHY.

LAN-CHOU SAM SITE B29-2 [redacted] IS IDENTIFICATION ONLY. 25X1

NO OTHER MISSILE-RELATED ACTIVITY IS OBSERVED.

25X1

[redacted]

LAN-CHOU SAM SITE B29-2 CH 363830N 1032245E

25X1

[redacted]

GORKIY SAM SITE B21-2 UR 563133N 0435936E

25X1

[redacted]

OCCUPANCY OF THE SITE IS UNDETERMINED.

25X1

[redacted]

GORKIY SAM SITE B11-2 UR 561761N 0441816E

25X1

[redacted]

OCCUPANCY OF THE SITE IS UNDETERMINED.

25X1

[redacted]

GORKIY SAM SITE B18-2 UR 560256N 0435819E

25X1

[redacted]

THE SITE APPEARS TO BE OCCUPIED.

25X1

[redacted]

GORKIY SAM SITE B24-2 UR 560849N 0433029E

25X1

[redacted]

THIS SITE DOES NOT APPEAR TO BE OCCUPIED.

25X1

[redacted]

GORKIY SAM SITE B31-2 UR 562453N 0433532E

25X1

[redacted]

OCCUPANCY OF THE SITE IS UNDETERMINED.

25X1

[redacted]

GORKIY SAM SITE C35-2 UR 564213N 0433952E

25X1

[redacted]

THE SITE APPEARS TO BE OCCUPIED.

25X1

[redacted]

GORKIY SAM SITE D31-2 UR 563448N 0430900E

25X1

[redacted]

ALL SIX LAUNCH POSITIONS ARE OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS.

25X1

[redacted]

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25X1

GORKIY SAM SUPPORT FACILITY 2 UR 56[illegible]

25X1

KOSTROMA ICBM COMPLEX SAM SITE A32-2 UR 58062ØN Ø41Ø451E

25X1

THE SITE APPEARS TO BE OCCUPIED.

25X1

KOSTROMA ICBM COMPLEX SAM SITE B[illegible]-2 UR 581341N Ø413846E

25X1

THE SITE APPEARS TO BE OCCUPIED.

25X1

KOSTROMA ICBM COMPLEX SAM SITE B21-2 UR 574047N Ø41Ø212E

25X1

THE SITE APPEARS TO BE OCCUPIED.

SECTION # 02

25X1

NAKHODKA SAM SITE B23-2 UR 425440N 1323[illegible]35E

25X1

SIX LAUNCH POSITIONS AND THE GUIDANCE AREA APPEAR TO BE 25X1

OCCUPIED.

FOUR LAUNCH POSITIONS ARE PROBABLY OCCUPIED AND TWO 25X1

LAUNCH POSITIONS ARE POSSIBLY OCCUPIED.

25X1

PLESETSK ICBM COMPLEX SAM SITE B[illegible]-3 UR 63Ø421N Ø41Ø441E

25X1

RYBINSK SAM SITE A13-2 UR 575820N Ø39Ø41ØE

25X1

RYBINSK SAM SITE D01-2 UR 581433N Ø365[illegible]E

25X1

USSURIYSK SAM SITE B08-3 UR 435320N 1321653E

25X1

ALL FOUR LAUNCH POSITIONS AND THE GUIDANCE AREA APPEAR TO BE OCCUPIED.

25X1

VLADIVOSTOK SAM SITE B30-2 UR 431240N 1313210E

25X1

YAROSLAVL SAM SITE B10-2 UR 573454N Ø4Ø1641E

25X1

THE SITE APPEARS TO [redacted] OCCUPIED.

25X1

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TANTA SAM SITE [redacted] EG [redacted] 25X1
94
THE SIX LAUNCH POSITIONS ARE OCCUPIED, TWO BY PROBABLE MISSILES ON LAUNCHERS AND FOUR BY UNIDENTIFIED OBJECTS. THE GUIDANCE AREA IS OCCUPIED BY A PROBABLE FAN SONG RADAR.

[redacted] 25X1

TANTA SAM SITE C21-2 EG 302425N 0304755E
92
THE SIX LAUNCH POSITIONS ARE OCCUPIED, TWO BY PROBABLE MISSILES ON LAUNCHERS AND FOUR BY UNIDENTIFIED OBJECTS. THE GUIDANCE AREA IS ALSO OCCUPIED.

[redacted] 25X1

TANTA SAM SITE A18-2 EG 304238N 0310828E
98
THE SIX LAUNCH POSITIONS AND THE GUIDANCE AREA ARE OCCUPIED.

[redacted] 25X1

TANTA SAM SITE C19-2 EG 304315N 0312435E
96
THE SIX LAUNCH POSITIONS AND THE GUIDANCE AREA ARE OCCUPIED.

[redacted] 25X1

TANTA SAM SITE C27-2 EG 304555N 0302956E
102
THREE OF THE LAUNCH POSITIONS ARE PROBABLY OCCUPIED. OCCUPANCY OF THE OTHER THREE IS UNDETERMINED. THE GUIDANCE AREA IS POSSIBLY OCCUPIED.

[redacted] 25X1

AL ISMAILIYAH SAM SITE B21-2 EG 304628N 0321805E
THREE OF THE LAUNCH POSITIONS ARE OCCUPIED. OCCUPANCY OF THE OTHER THREE IS UNDETERMINED. THE GUIDANCE AREA IS POSSIBLY OCCUPIED.

[redacted] 25X1

AL ISMAILIYAH SAM SITE B19-2 EG 302328N 0321538E
5-1
THE SIX LAUNCH POSITIONS AND THE GUIDANCE AREA ARE OCCUPIED BY VEHICLES/PIECES OF EQUIPMENT.

[redacted] 25X1

AL ISMAILIYAH SAM SITE B22-2 EG 302628N 0321910E
5-2
ALL SIX LAUNCH POSITIONS AND THE GUIDANCE AREA ARE OCCUPIED BY VEHICLES/PIECES OF EQUIPMENT.

[redacted] 25X1

AL ISMAILIYAH SAM SITE A25-2 EG 303702N 0324408E
5-5

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THE SIX LAUN

25X1

25X1

LU-TA SAM SITE C04-2 CH 391939N 1215934E

25X1

ALL SIX LAUNCH POSITIONS ARE OCCUPIED. TWO OF THE POSITIONS CONTAIN PROBABLE SA-2 TRANSPORTERS. FOUR OTHER PROBABLE TRANSPORTERS ARE PARKED ON THE TAXI STRIP WHICH CROSSES THE LAUNCH SITE. THE GUIDANCE AREA CONTAINS A PROBABLE FAN SONG RADAR AND SEVERAL VANS.

25X1

OUR SAID PROBABLE COASTAL DEFENSE SITE EG 311625N 0321700E

25X1

THE SITE REMAINS VACATED.

25X1

AL ISKANDARIYAH PROB SAM SUPPORT FAC SE EG 305942N 0300830E

25X1

SHAN-TAN SAM TRAINING AREA B CH 385704N 101[illegible]837E

25X1

SITE A APPEARS TO BE UNOCCUPIED AND ABANDONED.
SITE B IS PROBABLY UNOCCUPIED, BUT LAUNCH POSITIONS AND THE ROAD NETWORK APPEAR TO HAVE BEEN REPAIRED.
SITE C IS UNOCCUPIED AND DETERIORATING SADLY.
SITE D HAS BEEN REPAIRED. THE ROAD NETWORK NOW SERVES FIVE LAUNCH POSITIONS, INCLUDING ONE POSITION FORMERLY PART OF SITE C. THREE LAUNCH POSITIONS ARE POSSIBLY OCCUPIED AND TWO LAUNCH POSITIONS AND THE GUIDANCE AREA ARE PROBABLY UNOCCUPIED.
THE ROADS IN THE EQUIPMENT AREA EAST OF THE ADMINISTRATION AREA HAVE BEEN REPAIRED.
THE PARTIAL REVETTING OF TWO POSITIONS IN SITE D AND MOST OF THE ROAD REPAIR WORK HAVE BEEN ACCOMPLISHED SINCE

25X1

POOR INTERPRETABILITY OF PHOTOGRAPHY LIMITS THE INTERPRETATION OF FACILITIES.

25X1

AL BAHIRAH SAM TRAINING COMPLEX NE A EG 301155N 0312150E

25X1

THE INSTALLATION REMAINS VACATED.

25X1

AL BAHIRAH SAM TRAINING COMPLEX NE B EG 301355N 0312210E

25X1

THE INSTALLATION REMAINS VACATED.

25X1

PYONGYANG POSSIBLE SAM SITE KN 395149N 1260115E
0368 11-V1 BONUS

SECTION # 04

14.9 NM SE OF PYONGYANG.
THE SITE CONSISTS OF FIVE POSSIBLE POSITIONS IN EARLY STAGES OF CONSTRUCTION.
NO ACTIVITY WAS OBSERVED ON

25X1

25X1

HAMHUNG SAM SITE A25-2 KN 395320N 1272440E

25X1

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6.1 NM WSW [redacted]
THE SITE CONSISTS OF FOUR OCCUPIED LAUNCH POSITIONS, TWO LAUNCH POSITIONS OF UNDETERMINED OCCUPANCY, AND AN OCCUPIED GUIDANCE AREA.
NO ACTIVITY WAS OBSERVED ON [redacted] 25X1
[redacted] 25X1

HAMHUNG POSSIBLE SAM SITE KN 395310N 1272528E
0380 114-C2 BONUS
5.6 NM WSW OF HAMHUNG.
THE SITE CONSISTS OF FOUR POSSIBLE LAUNCH POSITIONS AND A POSSIBLE GUIDANCE AREA UNDER CONSTRUCTION.
NO ACTIVITY WAS OBSERVED ON [redacted] 25X1
[redacted] 25X1

AIR FACILITIES

USSURIYSK/VOZDVIZHENKA AIRFIELD UR 435429N 1315548E
[redacted] 50 [redacted] 25X1
OB -- 27 PROBABLE BADGER, 9 POSSIBLE BEAGLE, 2 POSSIBLE CAB, AT LEAST 40 SMALL SWEPT/DELTA-WING, AND 1 SMALL STRAIGHT-WING.
THE OB IS NORMAL.
[redacted] 25X1

CHIN-HSIEN AIRFIELD SOUTHEAST 1 CH 323340N 1214433E
[redacted] 25X1

CHUNG-AN AIRFIELD CH 2742[illegible]N 118[illegible]E
[redacted] 25X1

LU-TA/CHENG-SHA-HO AIRFIELD CH 391544N 122[illegible]453E
[redacted] 25X1
OB -- AT LEAST 11 SMALL PROBABLE AIRCRAFT.
[redacted] 25X1

CHANG-CHOU AIRFIELD CH 243342N 1173914E
[redacted] 25X1
OB -- AT LEAST 28 SMALL PROBABLE SWEPT-WING.
[redacted] 25X1

LUNG-TIEN AIRFIELD CH 253423N 1192745E
[redacted] 25X1

FU-CHOU/I-HSU AIRFIELD CH 260[illegible]7N 1191853E
[redacted] 25X1

YIN-CHUAN AIRFIELD CH 382642N 1360846E
[redacted] 4 [redacted] 25X1
OB -- 1 PROBABLE CRATE. 25X1
[redacted] 25X1

KHAMSKAYA AIRFIELD UR 444642N 0400228E
[redacted] 17 [redacted] 25X1
OB -- APPROXIMATELY 15 SMALL PROBABLE SWEPT-WING.
[redacted] 25X1

KOSTROMA AIRFIELD UR 574755N 0410104E
[redacted] 29-A [redacted] 25X1
OB -- 105 SMALL SWEPT/DELTA-WING. 25X1
[redacted] 25X1

IVANOVO AIRFIELD [illegible]

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25X1

OB -- 6 POSSIBLE MEDIUM STRAIGHT-WING AND APPROXIMATELY 85 SMALL STRAIGHT/SWEPT-WING.

25X1

PRAVOINSK AIRFIELD UR 563125N 0432841E

SECTION # 05

25X1

CONSTRUCTION OF REVETMENTS CONTINUES AT A RAPID PACE. THIRTY-THREE REVETMENTS ARE EITHER COMPLETED OR UNDER CONSTRUCTION.
OB -- 30 PROBABLE SMALL SWEPT-WING.

25X1

NIZHNIY TAGIL AIRFIELD NORTHEAST UR 575925N 0601347E

25X1

TEN NEWLY CONSTRUCTED AIRCRAFT REVETMENTS ARE JUST SOUTH OF THE EAST END OF THE RUNWAY.
OB -- -- 1 MEDIUM SWEPT-WING, AT LEAST 15 SMALL SWEPT/DELTA-WING, AND 6 LIGHT STRAIGHT-WING. 25X1
-- 1 PROBABLE BADGER, 4 BEAGLE, 29 SMALL SWEPT/DELTA-WING, 1 CRATE, AND 1 CAB. 25X1

25X1

YA-ERH-TANG AIRFIELD CH 440148N 0890404E

25X1

YAR SASHI AIRFIELD CH 430425N 0924828E

25X1

HA-MI AIRFIELD CH 425043N 0933751E

25X1
OB -- -- 34 SMALL SWEPT-WING AND 2 PROBABLE COLT. 25X1
-- 34 SMALL SWEPT-WING AND 1 PROBABLE COLT. 25X1

25X1

WU-SHA-TA-LA AIRFIELD CH 421832N 0871228E

25X1

CONSTRUCTION CONTINUES ON THE POL STORAGE AREA.

25X1

LIN-TAO AIRFIELD CH 361932N 1235008E

25X1

ALMAZA AIRFIELD EG 304540N 0312132E

25X1

OB -- 29 LIGHT STRAIGHT-WING, 7 SMALL STRAIGHT-WING, AND 6 PROBABLE HELICOPTERS.
OB IS NORMAL.

25X1

KABRIT AIRFIELD EG [redacted]453N 0322932E

25X1

THE ABSENCE

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25X1

QUWEISNA AIRFIELD EG 303450N 0313748E
65
25X1
A 9,600 X 50-FOOT NW/SW PORTION OF THE CAIRO/ALEXANDRIA HIGHWAY
@INCLUDING ITS MEDIAN STRIP@ JUST WEST OF THE AIRFIELD HAS BEEN
SURFACED WITH BLACKTOP. AN END-CONNECTING LINK TO THE SOUTHERN END
AND A CROSSOVER LINK TO THE NORTHERN END OF THE AIRFIELD RUNWAY
HAVE ALSO BEEN SURFACED.
OB -- -- 1 POSSIBLE SMALL AIRCRAFT ON THE SOUTHERNMOST 25X1
TURN-AROUND.

25X1

WU-CHU-SSU AIRFIELD CH 330833N 1071223E
14-A
25X1
CONSTRUCTION APPEARS TO BE CONTINUING AT THE MAINTENANCE/SUPPORT
AREA.
OB -- 3 LIGHT STRAIGHT-WING, 3 PROBABLE COLT, AND 2 SMALL
STRAIGHT-WING.

25X1

SECTION # 66

KORF AIRFIELD UR 6923//N 16691//E
8 NO COMRX
25X1
NE EDGE OF KORF.
A 3,915 X 138-FOOT NE/SW SERVICEABLE BLACKTOP RUNWAY.
A SUPPORT AREA IMMEDIATELY EAST OF THE RUNWAY CONTAINS SIX LARGE
BUILDINGS AND AT LEAST 18 SMALLER BUILDINGS. AN UNSECURED POL
STORAGE AREA AT THE NE END OF THE RUNWAY CONTAINS AT LEAST 50
HORIZONTAL TANKS.
OB -- 6 LIGHT STRAIGHT-WING.

25X1

NORILSK/ALYKEL AIRFIELD UR 691855N 0872031E
3-A NO COMRX
25X1
3.5 NM SOUTH OF VOLOGOCHAN.
A 6,400 X 150-FOOT NE/SW SERVICEABLE CONCRETE RUNWAY, A PARALLEL
CONCRETE TAXIWAY, TWO LINK TAXIWAYS, AND TWO PARKING APRONS.
THE SUPPORT AREA CONTAINS AT LEAST 20 BUILDINGS. THE AIRFIELD IS
EQUIPPED WITH ILS AND GCA FACILITIES.
OB -- -- 1 LIGHT STRAIGHT-WING AND 4 SMALL STRAIGHT-WING. 25X1
- AT LEAST 2 SMALL STRAIGHT-WING. 25X1

25X1

KYSONG-UP AIRFIELD KN 413311N 1293921E
@29@ 193 BONUS
2.1 NM SE OF KYSONG-UP AND 7.5 NM NORTH OF HOEMUN-NI AIRFIELD
@COMIREX
25X1
2,100 X 275-FOOT WNW/ESE GRADED-EARTH SERVICEABLE RUNWAY.
FACILITIES INCLUDE ONE PROBABLE ADMINISTRATION BUILDING AND AT
LEAST FOUR OTHER BUILDINGS.
OB -- AT LEAST FOUR SMALL POSSIBLE AIRCRAFT AND THREE AIRCRAFT
SILHOUETTES.

25X1

KOKSAN AIRFIELD KN 384310N 1264250E
@38@ 40-61

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4 NM SE OF K[illegible]
3,3#6 X 155-FOOT NW/SE GRADED-EARTH PROBABLY SERVICEABLE RUNWAY.
NO FACILITIES ARE OBSERVED.

25X1

LUNG-CHUAN PROBABLE AIRFIELD CH 240430N 1151105E
0492 137-C1 BONUS
0.6 NM NORTH OF LUNG-CHUAN.
A PROBABLE AIRFIELD, IN EARLY STAGES OF CONSTRUCTION, CONSISTS OF A GRADED AREA 2,025 X 300 FEET, ORIENTED NNE/SSW.
NO FACILITIES ARE OBSERVED.

25X1

ELECTRONICS/COMMUNICATIONS

IGARKA TROPOSCATTER FACILITY UR 672740N 0864230E
1-D NO COMRX

25X1

2 NM EAST OF IGARKA.
THIS UNSECURED FACILITY APPEARS TO BE COMPLETE. IT CONTAINS FOUR TYPE II TROPOSCATTER ANTENNAS AND TWO CONTROL/SUPPORT BUILDINGS. SEVERAL SMALL STRUCTURES OR PIECES OF EQUIPMENT ARE ALSO AT THE SITE. A SECURED ASSOCIATED AREA 0.5 NM SOUTH CONTAINS TWO BUILDINGS, AND SEVERAL EXCAVATIONS ARE IN PROGRESS THERE.

25X1

PENZHINO TROPOSCATTER FACILITY UR 633300N 1680400E
14 NO COMRX

25X1

AT LEAST THREE TROPOSCATTER ANTENNAS HAVE BEEN ERECTED. THE SITE CONTAINS TWO CONTROL/SUPPORT BUILDINGS AND TWO OTHER STRUCTURES/PIECES OF EQUIPMENT.

25X1

GROUND FORCE ACTIVITY

CHE-TIEN ARMY BARRACKS AL 1 CH 262212N 1124852E

25X1

CHIN-CHOU MILITARY BARRACKS CH 414745N 1211645E

25X1

FU-CHOU ARMY BARRACKS NORTH CH 26B750N 1191542E

25X1

HUO-CHIA STORAGE AREA CH 331345N 1133617E

25X1

I-HSIEN ARMY BKS AND SUP STORAGE SW CH 413115N 1211205E

25X1

I-HSIEN ARMY BKS SOUTH AL 3 CH 412545N 1211307E

25X1

CHI-LI-HO ARMY BARRACKS AL 1 CH 412108N 1211340E

25X1

I-HSIEN ARMY BKS SOU[illegible]EST AL 2 CH 412719N 1211[illegible]9E

25X1

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25X1

CHI-CHIA-PAO-TZU ARM[redacted]BARRACKS AL 1 CH 411715N [redacted]11709E

25X1

LEI-YANG ARMY BKS WEST-SOUTHWEST AL 1 CH 262420N 1125025E

25X1

LIEN-CHIANG ARMY BKS NORTHWEST AL 1 CH 261433N 1193030E

25X1

LIEN-CHIANG ARMY BARRACKS AL 3 CH 261145N 1193215E

25X1

NO MILITARY INSTALLATION CAN BE IDENTIFIED AT THE REFERENCED COORDINATES.

25X1

LIEN-CHIANG ARMY BARRACKS AL 4 CH 261210N 1193238E

25X1

NO MILITARY INSTALLATION CAN BE IDENTIFIED AT THE REFERENCED COORDINATES.

25X1

NAN-AN ARMY BARRACKS AL 1 CH 245710N 1182332E

25X1

SHIH-SHAN-CHAN ARMY BARRACKS NE AL 1 CH 411703N 1213357E

25X1

LU-YANG-I ARMY BARRACKS NW AL 1 CH 412330N 1213810E

25X1

1.5 NM NW OF LU-YANG-I.
THE INFANTRY REGIMENT-SIZE INSTALLATION CONTAINS 57 BARRACKS, ONE H-SHAPED HEADQUARTERS BUILDING, FOUR C-SHAPED ADMINISTRATION BUILDINGS, ONE AUDITORIUM, FOUR PROBABLE MESSHALLS, TWO SMALL VEHICLE MAINTENANCE BUILDINGS, TWO VEHICLE STORAGE BUILDINGS, SIX EQUIPMENT STORAGE BUILDINGS, SIX WAREHOUSES, AND 30 SUPPORT BUILDINGS.
AN ASSOCIATED HOUSING AREA JUST SE OF THE MAIN AREA CONTAINS 19 BARRACKS, ONE PROBABLE MESSHALL, AND THREE SMALL SUPPORT BUILDINGS.
FIVE SMALL SEPARATELY SECURED EXPLOSIVES STORAGE BUILDINGS ARE MIDWAY BETWEEN THE TWO AREAS.
OB -- APPROXIMATELY 15 VEHICLES/PIECES OF EQUIPMENT.

25X1

SHIH-SHAN-CHAN ARMY BARRACKS SW AL 3 CH 411420N 1212920E

25X1

1 NM SSW OF SHIH-SHAN-CHAN.
THE INSTALLATION IS COMPOSED OF THREE SEPARATE AREAS.
THE MAIN AREA, AT 41-14-15N 121-38-20E, CONTAINS 19 BARRACKS, ONE C-SHAPED ADMINISTRATION BUILDING, ONE AUDITORIUM, TWO MESSHALLS, TWO SMALL VEHICLE MAINTENANCE BUILDINGS, 17 VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND APPROXIMATELY 25 SUPPORT BUILDINGS.
FOUR EXPLOSIVES STORAGE BUILDINGS ARE JUST SOUTH.
TWO SEPARATELY SECURED BARRACKS AREAS, 0.7 NM NW, CONTAIN A TOTAL OF 36 BARRACKS AND SIX SUPPORT BUILDINGS.

SECTION # 08

25X1

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SHIH-SHAN-CHA[illegible]

25X1

LU-YANG-I ARMY BARRACKS SW AL 2 CH 412036N 1213454E

25X1

4.1 NM SW OF LU-YANG-I.
THE INFANTRY REGIMENT-SIZE INSTALLATION CONTAINS 57 BARRACKS, ONE H-SHAPED HEADQUARTERS BUILDING, FOUR C-SHAPED ADMINISTPATION BUILDINGS, ONE AUDITORIUM, FOUR PROBABLE MESSHALLS, AND APPROXIMATELY 40 SUPPORT BUILDINGS.
AN ADJACENT MOTOR POOL AREA CONTAINS TWO SMALL VEHICLE MAINTENANCE BUILDINGS, TWO VEHICLE STORAGE BUILDINGS, SIX EQUIPMENT STORAGE BUILDINGS, SIX WAREHOUSES, AND EIGHT SUPPORT BUILDINGS.
AN ASSOCIATED HOUSING AREA, 0.5 NM SOUTH, CONTAINS 18 BARRACKS AND ONE LARGE AND TWO SMALL SUPPORT BUILDINGS.
A SEPARATELY SECURED EXPLOSIVES STORAGE AREA CONTAINING FIVE SMALL STORAGE BUILDINGS AND ONE SUPPORT BUILDING IS MIDWAY BETWEEN THE BARRACKS AND THE ASSOCIATED HOUSING AREAS.

25X1

TAN-YANG ARMY BARRACKS SOUTHEAST AL 1 CH 262012N 1193030E

25X1

TUNG-CHI ARMY BARRACKS AL 1 CH 262424N 1192951E

25X1

TAN-YANG ARMY BARRACKS SW AL 2 CH 262032N 1192844E

25X1

HSIAO-I ARMY DEPOT SOUTH CH 344458N 1125818E

25X1

YING-TAN ARMY BARRACKS + STORAGE AREA ESE CH 281348N 1170548E

25X1

YU-TZU AMMUNITION DEPOT NORTHEAST CH 374411N 1124656E

25X1

YU-TZU ARMY BARRACKS AL 1 CH 374348N 1124408E

25X1

AN UNDETERMINED NUMBER OF VEHICLES IS OBSERVED IN THE SMALL VEHICLE PARKING AREA.

25X1

YU-TZU ARMY BARRACKS AL 2 CH 374225N 1124432E

25X1

AL DAHIRAH BKS HQS 4 ARMD DIV CP HUCKSTEP EG 300845N 0312658E

25X1

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT.
THIS IS NORMAL ACTIVITY.

25X1

JIH-KO-TSE ARMY BKS TASHI KYITSA YAGAR TI 291458N 0885321E

25X1

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. ARMAVIR MILI

3-D

THE LEVEL OF MILITARY ACTIVITY CANNOT BE DETERMINED BECAUSE OF THE SMALL SCALE OF THE PHOTOGRAPHY.

25X1

25X1

BATUMI TANK/ASSAULT GUN RANGE 1 UR 4135//N 04135//E

3-P1

25X1

APPROXIMATELY 40 TENTS ARE OBSERVED IMMEDIATELY NE OF THE RANGE AREA.

25X1

SECTION # 09

GORKIY ARMY BARRACKS SOUTHEAST AL 6 UR 561713N 0435935E

25X1

GORKIY ARMY BARRACKS OKHA RIVER EAST UR 561825N 0435906E

25X1

GOROKHOVETS ARMY PKS AND ARTY TNG CENTER UR 5617//N 04300//E

25X1

KOSTROMA ARMY BARRACKS EAST AL 2 UR 574559N 0405817E

25X1

KOSTROMA ARMY BARRACKS LEVASHEVO AL 1 UR 574037N 0403545E

25X1

MAYKOP ARMY BARRACKS SOUTH AL 1 UR 443424N 0402753E

25X1

OB -- AT LEAST 50 PROBABLE VEHICLES/PIECES OF EQUIPMENT.

25X1

NAKHODKA MILITARY SUPPLY DEPOT OX 1 UR 425613N 1325525E

25X1

OCHAMCHIRE AAA FIRING RANGE UR 4237//N 04131//E

25X1

APPROXIMATELY 80 TENTS ARE IN THE BIVOUAC AREA.

25X1

SLAVYANKA ARMY BARRACKS SOUTH AL 1 UR 425123N 1312310E

25X1

OB -- APPROXIMATELY 50 VEHICLES/PIECES OF EQUIPMENT.

25X1

SLAVYANKA ARMY BARRACKS SOUTHWEST AL 2 UR 425233N 1312250E

25X1

OB -- APPROXIMATELY 20 VEHICLES/PIECES OF EQUIPMENT.

25X1

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VLADIVOSTOK [redacted] 25X1

THREE HUNDRED TENTS ARE OBSERVED IN THE AREA.

[redacted] 25X1

VLADIVOSTOK AMMUNITION DEPOT EAST DA 1 UR 430823N 1320131E

[redacted] 25X1

VLADIVOSTOK AMMUNITION STORAGE DA 2 UR 430648N 1315915E

[redacted] 25X1

VLADIVOSTOK GEN'L DPO VTORAYA R DA DQ DG UR 430955N 1315732E

[redacted] 25X1

VOLOGDA ARMY BARRACKS NORTH AL 1 UR 591418N 4395436E

[redacted] 25X1

VOLOGDA ARMY BARRACKS PRILUKI AL 5 UR 591500N 3395408E

[redacted] 25X1

YUAN-PING ARMY BARRACKS AL 1 CH 384405N 1124142E

[redacted] 25X1

HUI-NAN ARMY BARRACKS WEST AL 1 CH 424120N 1255955E

[redacted] 25X1

PAN-SHIH ARMY BARRACKS SOUTHEAST AL 1 CH 425540N 1260415E

[redacted] 25X1

TUNG-HUA ARMY BARRACKS AL 2 CH 414252N 1255857E

[redacted] 25X1

TUNG-HUA HQ 38 ARMY AND BKS NORTH AL 1 CH 414342N 1255548E

[redacted] 25X1

TUNG-HUA ARMY BARRACKS NORTHEAST AL 5 CH 414536N 1255915E

[redacted] 25X1

TUNG-HUA HQ 112 INF DIVISION CH 414320N 1255830E

[redacted] 25X1

THE INSTALLATION AT THE REFERENCED COORDINATES IS AN INTEGRAL COMPONENT OF TUNG-HUA ARMY BARRACKS AL 2 (COMIREX [redacted] 25X1

[redacted] 25X1

YUNG-CHUN ARMY BARRACKS NORTH AL 1 CH 252142N 1181620E

[redacted] 25X1

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TAI-KU AMMUNI

25X1

TAI-KU ARMY BARRACKS AL 1 CH 372501N 1123459E

25X1

GEOKCHAY MILITARY BARRACKS SOUTH AL 1 UR 403820N 0474440E

25X1

SMALL SCALE AND POOR INTERPRETABILITY PRECLUDE DETERMINATION OF TROOP AND/OR SUPPLY BUILDUP.
OB -- AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT.

25X1

FU-HSIEN ARMY BARRACKS EAST AL 1 CH 393720N 1220156E

25X1

FU-HSIEN ARMY BARRACKS SOUTHEAST AL 2 CH 393611N 1220040E

25X1

HAI-LUNG ARMY BARRACKS WEST AL 1 CH 423903N 1254911E

25X1

HAI-LUNG ARMY BARRACKS WEST AL 2 CH 423815N 1254625E

25X1

HAI-LUNG HW 11Y INF DIVISION AL 1 CH 423900N 1254905E

25X1

THE INSTALLATION AT THE REFERENCED COORDINATES IS AN INTEGRAL COMPONENT OF HAI-LUNG ARMY BARRACKS WEST AL 1

25X1

25X1

PAN-LING MILITARY INSTALLATION SSW CH 2453//N 11713//E

25X1

BUY AMMUNITION DEPOT 58 UR 582603N 0413300E

25X1

KUANG-SHUI ARMY BARRACKS AL 1 CH 313702N 1135855E

25X1

YEN-CHI ARMY BARRACKS NW AL 2 CH 421740N 0862320E

25X1

THE TEN BUILDINGS REPORTED UNDER CONSTRUCTION ON

25X1

68, REMAIN UNDER CONSTRUCTION IN THE AREA WEST OF AND ACROSS THE ROAD FROM THE MAIN INSTALLATION.

25X1

CHANG-CHOU ARMY BARRACKS NORTH AL 1 CH 243243N 1173816E

25X1

LUNG-TIEN MIL

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25X1

AL ISMAILIYAH MILITARY AREA EG 3427//N 03215//E

25X1

THE LEVEL OF ACTIVITY IS NORMAL.

25X1

AL QAHIRAH ARMY BKS + SCHOOL AL HILMIYAH EG 300650N 0311938E

25X1

OB -- -- AT LEAST 13 VEHICLES/PIECES OF EQUIPMENT.

25X1

25X1

SHEN-CHING ARMY BARRACKS NORTHWEST AL 1 CH 243616N 1175734E

25X1

FOU-HSIN ARMY BARRACKS NORTH AL 1 CH 420118N 1213835E

25X1

OB -- 11 VEHICLES/PIECES OF EQUIPMENT.

25X1

CHI-AN ARMY BARRACKS SW AL 1 CH 410545N 1260920E

25X1

3 NM SW OF CHI-AN.
THE SECURED INSTALLATION CONTAINS 28 BARRACKS, ONE ADMINISTRATION BUILDING, FIVE SUPPORT BUILDINGS, FIVE STORAGE BUILDINGS, AND ONE EXERCISE FIELD. A POSSIBLE EXPLOSIVES STORAGE BUNKER IS 0.5 NM SW.

25X1

SHUN-CHANG ARMY BARRACKS CH 264814N 1174861E

25X1

ON THE NORTH EDGE OF SHUN-CHANG.
THE INSTALLATION CONTAINS SIX BARRACKS, EIGHT PROBABLE QUARTERS, A LARGE C-SHAPED ADMINISTRATION BUILDING, ONE AUDITORIUM, ONE MESSHALL, 15 STORAGE/SUPPORT BUILDINGS, AND A SWIMMING POOL.

25X1

HU-LU-TAO ARMY BARRACKS EAST AL 1 CH 404306N 1235558E

25X1

YEN-CHI ARMY BKS SW AL 3 CH 420220N 0863320E

25X1

1 NM SW OF YEN-CHI.
THE PROBABLY SECURED POSSIBLE MILITARY INSTALLATION CONSISTS OF SIX BARRACKS, FOUR MULTISTORY PROBABLE BARRACKS, FOUR ADMINISTRATION BUILDINGS/BARRACKS, ONE ADMINISTRATION BUILDING, AND APPROXIMATELY 15 STORAGE/SUPPORT BUILDINGS.

25X1

PEI-CHEN ARMY BKS AL 1 CH 413605N 1214730E

25X1

AS SUWAYS TROOP CONCENTRATION EG 295820N 0325259E

25X1

NO NEW CONSTRUCTION OR VEHICLES/PIECES OF EQUIPMENT ARE IDENTIFIABLE.

25X1

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ST
AL SANTARAH BKS WEST CAMP AREISS EG 304927N 0321805E

25X1

THIS FACILITY IS DIVIDED INTO TWO PARTS CONNECTED BY A ROAD. THE NORTHERN PART CONTAINS AT LEAST 11 BUILDINGS AND THE SOUTHERN PART CONTAINS AT LEAST 18 BUILDINGS.

25X1

CHANG-LO ARMY BARRACKS SW AL 1 CH 255647N 1193002E

25X1

NO MILITARY INSTALLATION IS OBSERVED ON CLOUD-FREE PORTIONS OF PHOTOGRAPHY.

25X1

AL ISMAILIYAH TROOP CONCENTRATION NASR EG 303515N 0321535E

25X1

NO CONSTRUCTION ACTIVITY IS OBSERVED.

25X1

KUAN-KOU ARMY BARRACKS AL 1 CH 244208N 1180205E

25X1

2 NM NNE OF SU-YING.
APPROXIMATELY TEN BARRACKS, TWO ADMINISTRATION BUILDINGS, ONE AUDITORIUM, AND 30 STORAGE/SUPPORT BUILDINGS ARE OBSERVED IN CLOUD-FREE PORTIONS OF PHOTOGRAPHY.

25X1

FU-YUN ARMY BARRACKS AL 1 CH 4712//N 08948//E

25X1

THE INSTALLATION AT THE REFERENCED COORDINATES DOES NOT APPEAR TO BE MILITARY.

25X1

KUANG-TSE ARMY BARRACKS CH 273321N 1172053E

25X1

1 NM NE OF KUANG-TSE.
THE INSTALLATION CONSISTS OF TWO SMALL AREAS.
AREA A @ON THE WEST SIDE OF THE RAIL LINE AT 27-33-21N 117-20-53E@
-- FOUR BARRACKS, SIX QUARTERS, ONE ADMINISTRATION BUILDING, AND TEN SUPPORT BUILDINGS.
AREA B @ON THE EAST SIDE OF THE RAIL LINE AND 0.5 NM NE OF AREA A@
-- FIVE BARRACKS, ONE ADMINISTRATION BUILDING, TWO VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND THREE SUPPORT BUILDINGS.

25X1

WU-PU-CHIEH ROAD CONSTRUCTION CH 2314//N 10454//E

25X1

THE ROAD, OBSERVED INTERMITTENTLY FROM 23-22N 105-09E TO 23-16N 104-54E, IS COMPLETE AND OPERATIONAL.

25X1

COMPLEXES

VOLOGDA COMPLEX UR 591322N 0395340E

25X1

AS SUWAYS COMPLEX EG 295824N 0323259E

25X1

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NO NEW CONSTRUCTION IS OBSERVED.

25X1

PAI-YANG-HO PETROLEUM REFINERY YU-MEN CH 394955N 0973208E

25X1

ON THE WEST EDGE OF PAI-YANG-HO.
ALL PORTIONS OF THE REFINERY AND OILFIELD ARE COVERED.
IN ADDITION TO THE FACILITIES REPORTED ON THE 25X1
AREA NORTH OF THE REFINERY INCLUDES A THERMAL STEAM AND POWER PLANT AND A WALL-SECURED DISPATCH/STORAGE AREA CONTAINING A POSSIBLE PROCESSING FACILITY, A RAIL TANK CAR LOADING RACK, TEN SMALL AND FOUR MEDIUM VERTICAL STORAGE TANKS, TWO SEMIBURIED STORAGE TANKS, AND ONE SMALL SETTLING BASIN.
IMMEDIATELY OUTSIDE OF THE WALL ARE TWO CIRCULAR SETTLING BASINS AND TWO COVERED STORAGE RESERVOIRS.
A FABRICATION AREA CONTAINING FOUR MONITOR-ROOFED BUILDINGS AND

SECTION # 13

APPROXIMATELY 20 SMALLER SUPPORT BUILDINGS IS 0.8 NM NNE OF THE REFINERY.
A LARGE STORAGE/SUPPORT AREA, 1.4 NM NE OF THE REFINERY, CONSISTS OF APPROXIMATELY 35 STORAGE BUILDINGS, TWO OPEN STORAGE YARDS, AND 20 OTHER SUPPORT BUILDINGS.
A NEARBY HOUSING/ADMINISTRATION AREA INCLUDES APPROXIMATELY 225 BARRACKS-TYPE BUILDINGS, THREE MULTISTORY ADMINISTRATION BUILDINGS, AND 25 SUPPORT BUILDINGS.
A FIVE- OR SIX-TRACK RAIL YARD, 1 NM NNE OF THE REFINERY, CONTAINS APPROXIMATELY 90 PIECES OF ROLLING STOCK (MOSTLY TANK CARS).
ACTIVE OILFIELDS ARE LOCATED 4.3 NM NE AND 5.7 NM SE OF THE REFINERY AND ARE SMALL, BUT INTENSIVELY EXPLOITED. THE MAIN OILFIELD IS ACTIVE AND EXTENDS FROM THE REFINERY 4.6 NM SOUTH, 3.8 NM SW, 7.3 NM WEST, AND 8.3 NM WNW. POSSIBLE EXPLORATION AND TEST WELLS ARE LOCATED 11.7 NM WNW OF THE REFINERY. A FIELD STORAGE AREA FOR CRUDE OIL, 5.2 NM WNW OF THE REFINERY, CONTAINS NINE COVERED STORAGE RESERVOIRS, TWO OTHER POSSIBLE STORAGE RESERVOIRS UNDER CONSTRUCTION, AND THREE OPEN BASINS.
ACTIVITY AT THE REFINERY IS MODERATELY HIGH. STEAM IS BEING EMITTED FROM ONE OF THE CRUDE DISTILLATION AREAS. SPRAY PONDS ARE EMITTING STEAM AND WATER AT BOTH THE REFINERY AND THE THERMAL STEAM AND POWER PLANT. SMOKE IS COMING FROM THE STACK AT THE POWER PLANT.

25X1

GORKIY MOTOR VEHICLE PLANT MOLOTOV 1 UR 561503N 0435345E

25X1

DZERZHINSK EXPLOS + CHEM PLT SVERDLOV 80 UR 561623N 0432353E

25X1

LENG-HU PETROLEUM REFINERY AND STORAGE CH 383640N 093223ØE

25X1

40 NM SW OF SU-KAN-HU LAKE.
NO APPARENT CHANGE IS OBSERVED SINCE IN THE 25X1
REFINERY WHICH APPEARS MODERATELY ACTIVE OR IN THE MAIN SUPPORT AREA Ø.8 NM WEST.
TWO OTHER ADMINISTRATION/SUPPORT AREAS ARE COVERED. THE FIRST, 7 NM NNW OF THE REFINERY AT 38-43-40N 093-20-00E, CONTAINS TWO E-SHAPED ADMINISTRATION BUILDINGS, ONE AUDITORIUM, APPROXIMATELY 55 BARRACKS-TYPE

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BARRACKS-TYPE BUILDINGS, AND SUPPORT BUILDINGS.
A SECOND AND [redacted]
38-48-58N 093-24-[redacted] CONSISTS OF APPROXIMATELY [redacted]5 BARRACKS-TYPE BUILDINGS, TEN STORAGE BUILDINGS, TWO ADMINISTRATION BUILDINGS, TWO REPAIR SHOPS, ONE VEHICLE SHED, ONE MOTOR POOL, ONE OPEN STORAGE AREA, A DRIVER-TRAINING COURSE, APPROXIMATELY 2@ SUPPORT BUILDINGS, AND A PROBABLY FENCED REFUELING POINT CONTAINING SIX DISPERSED HORIZONTAL STORAGE TANKS AND A LOADING RAMP.
THE MAIN OILFIELD EXTENDS 7 NM NORTH AND SOUTH FROM THE VICINITY OF THE REFINERY AND AVERAGES 2 NM WIDE.
SMALL SCALE PRECLUDES IDENTIFICATION OF TYPE AND SIZE OF EQUIPMENT.

[redacted] 25X1

KO-LA-MA-I PETROLEUM RFY AND STORAGE CH 453425N 0845254E

[redacted] 25X1

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